I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail. Airbill No. ER509325192US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.C. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Docket No.: HO-P01925US1 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Patent Application of: Martin M. Matzuk et al.

Application No.: 09/830,810

Filed: October 28, 1999

Art Unit: 1653

Examiner: Desai, Anand U.

For: OVARY-SPECIFIC GENES AND PROTEINS

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated April 21, 2004, please amend the aboveidentified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.

08/04/2004 GDUCKET 00000008 052375 09830810 Sale Ref: 00000008 DAH: 052375 09830810 01 FC:1203 290.00 DA

Application No.: 09/830,810 Docket No.: HO-P01925US1

CONCLUSION

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 06-2375, under Order No. HO-P01925US1 from which the undersigned is authorized to draw.

Dated: July 21, 2004

Respectfully submitted,

Melissa W. Acosta

Registration No.: 45,872

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